



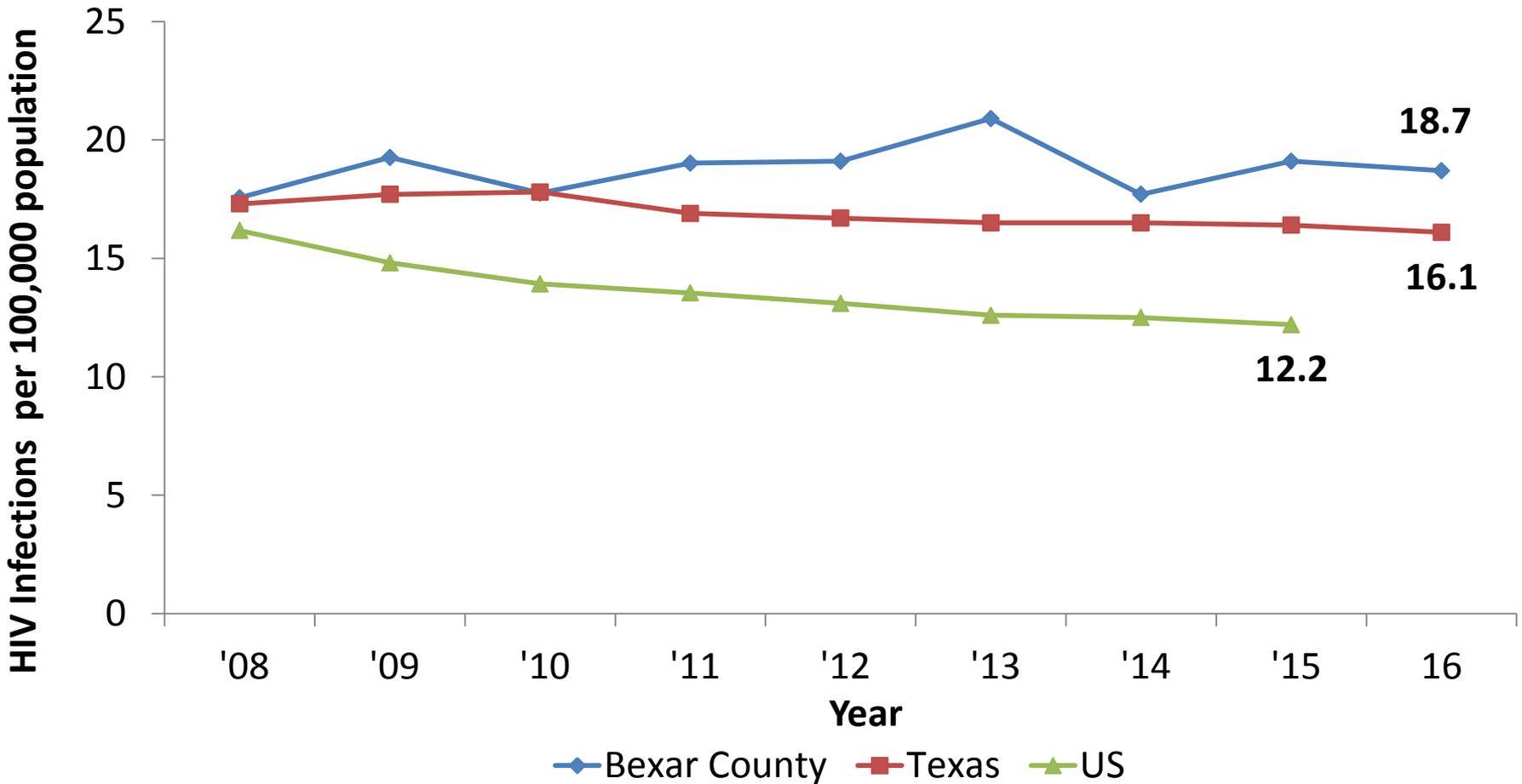
CITY OF SAN ANTONIO
METROPOLITAN HEALTH DISTRICT

BURDEN OF HIV/AIDS IN BEXAR COUNTY

San Antonio Metropolitan Health District

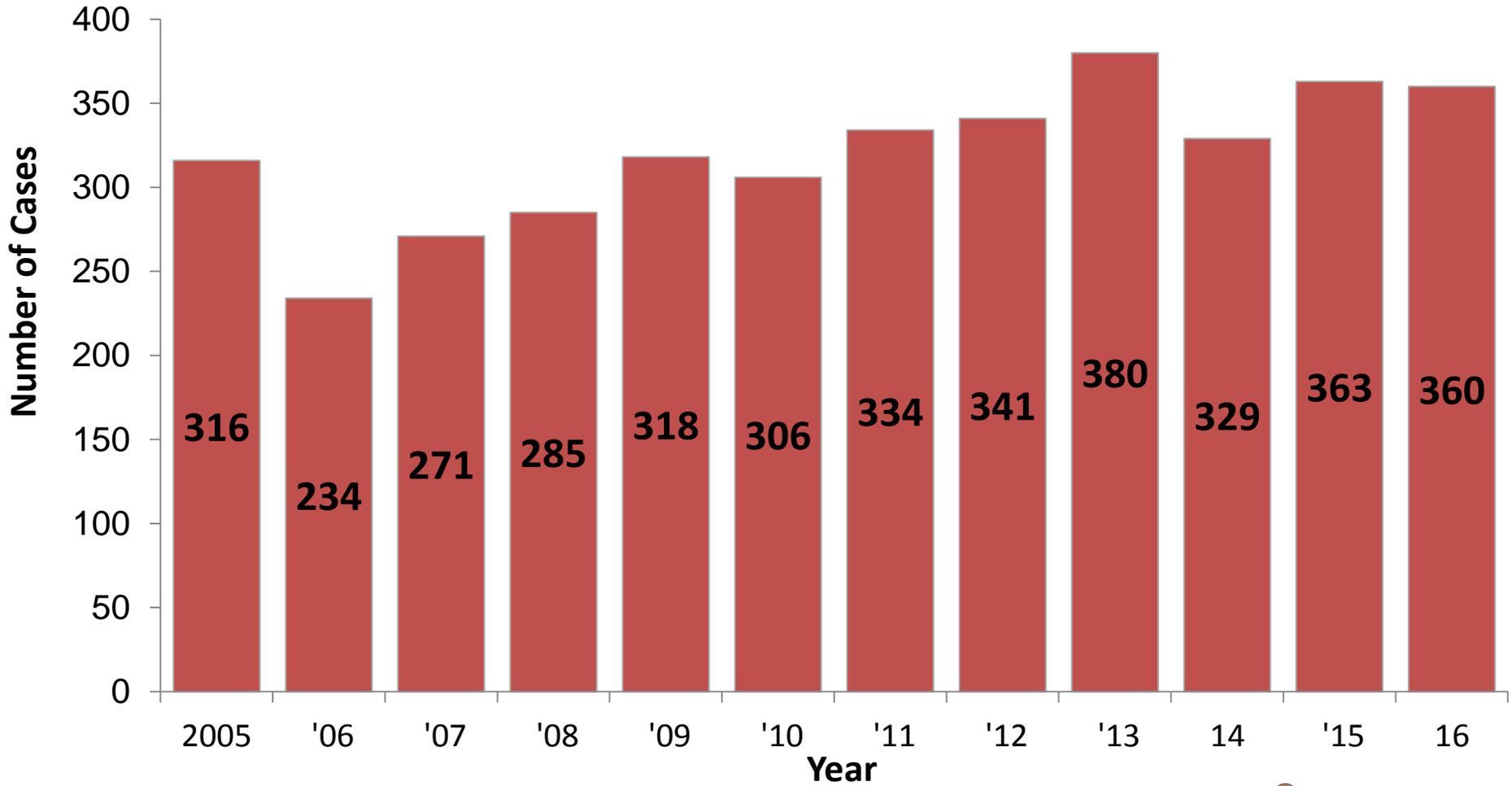
October 11, 2017

New HIV Diagnoses Rates, 2008-2016



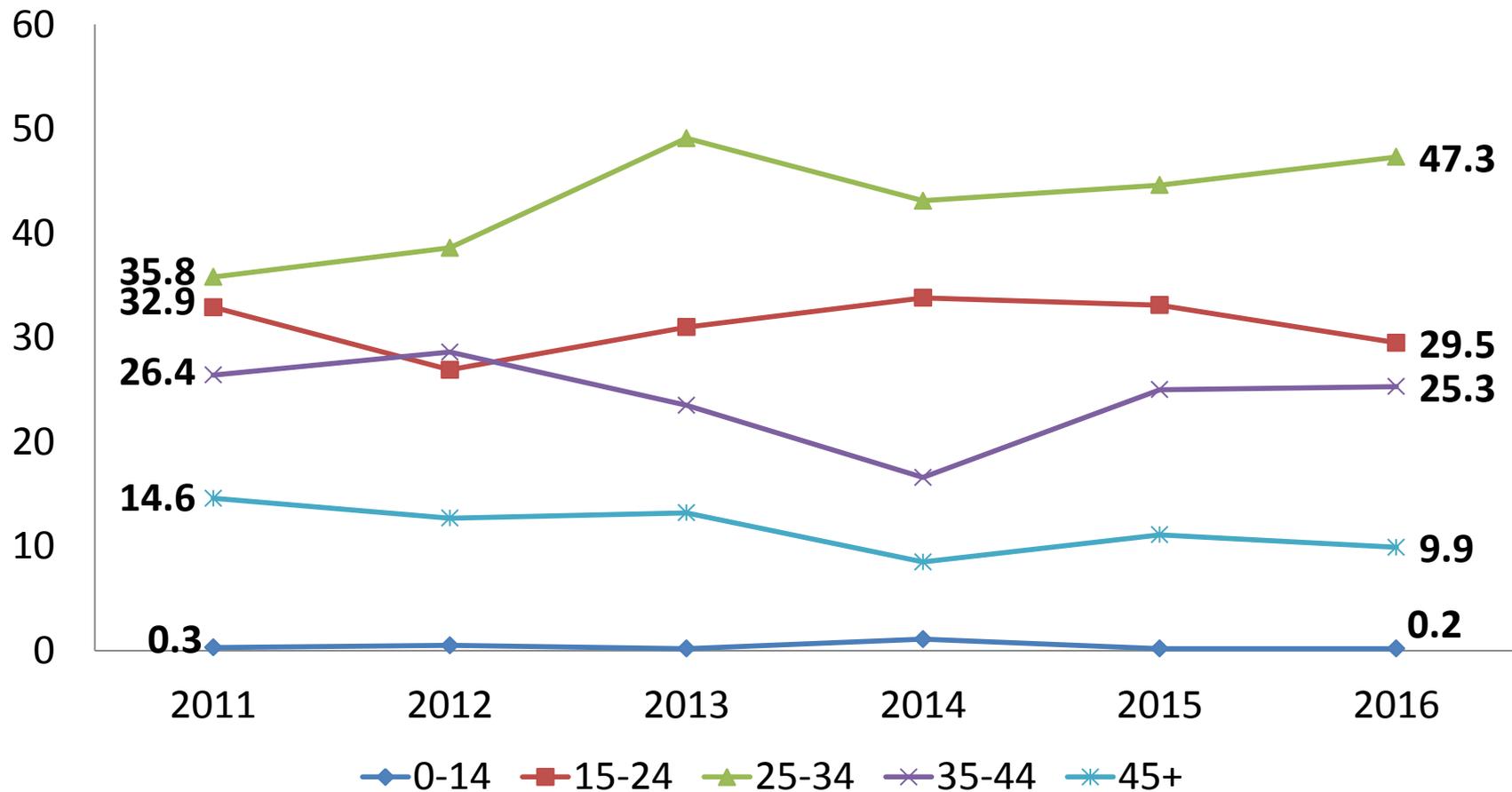
Source: 2016 Annual Report: Texas HIV Surveillance Report
US estimated based on CDC number and US population

New HIV Diagnoses, Bexar County, 2005-2016

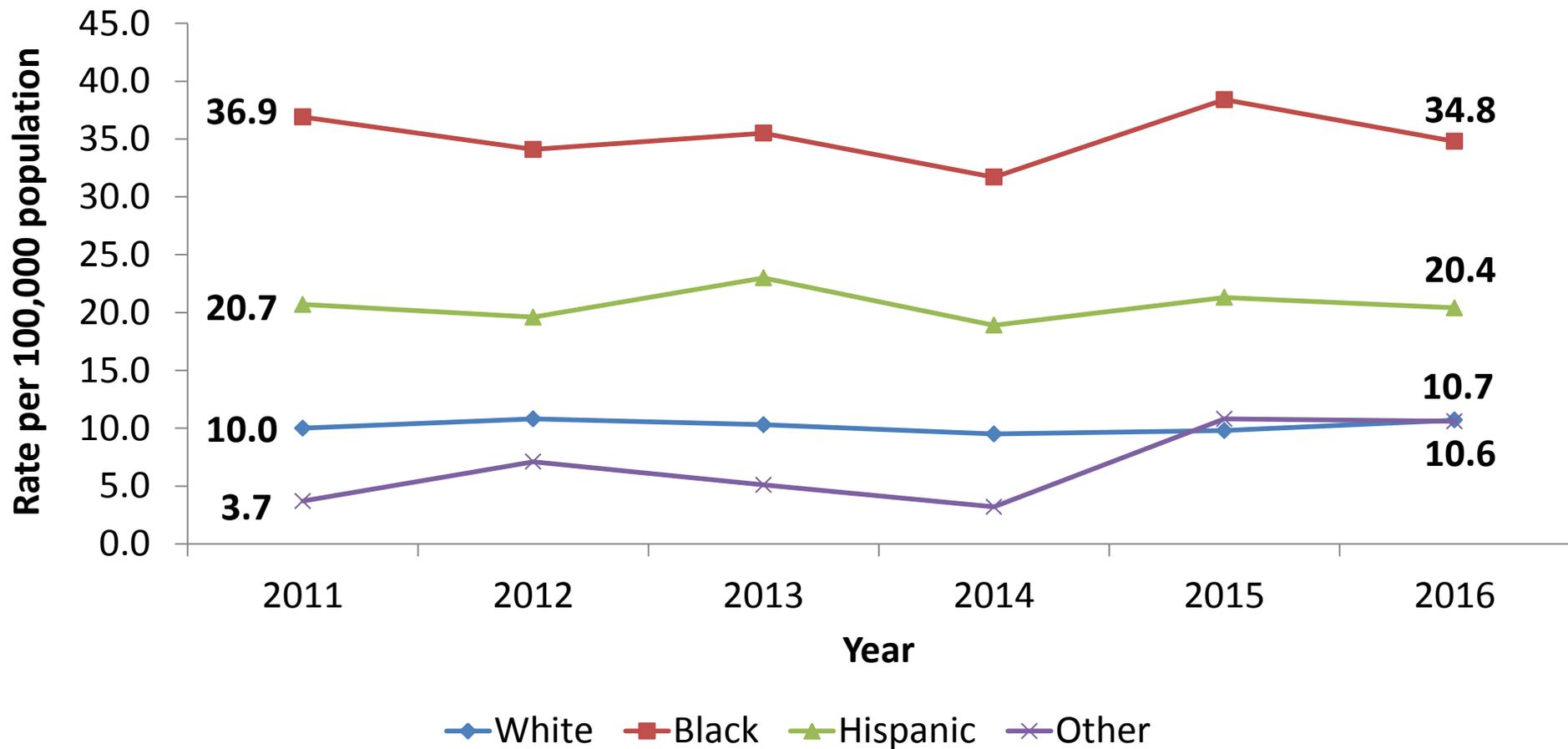


Source: Texas HARS database

New HIV Diagnoses by Age Group Bexar County, 2011-2016

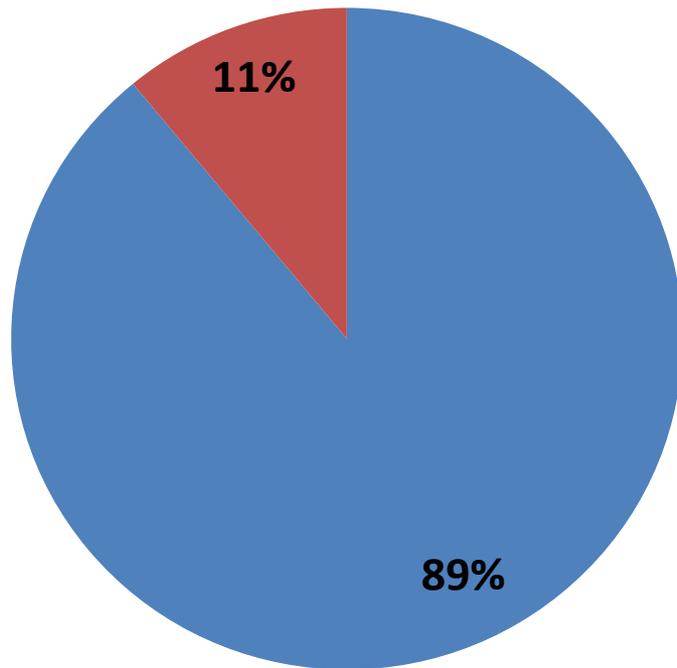


New HIV Diagnoses by Race/Ethnicity Bexar County, 2011-2016

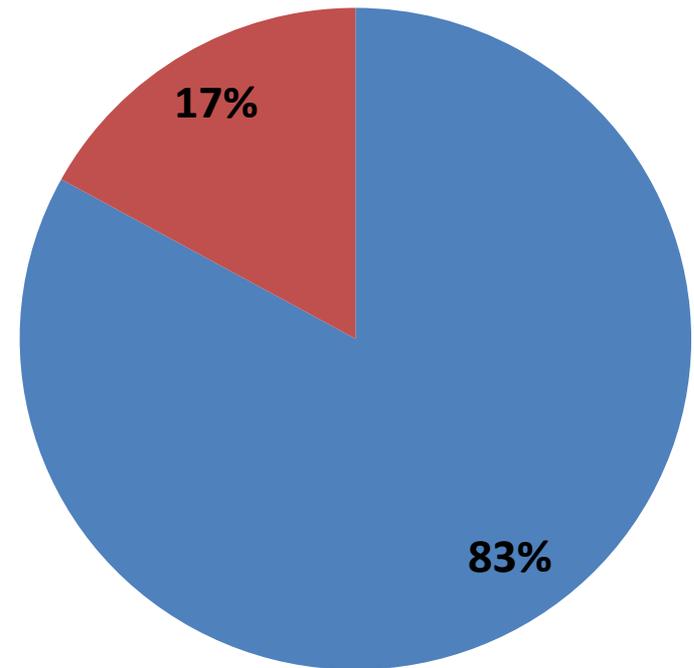


Percent of New HIV Diagnoses by Gender, Bexar County, 2016

Bexar County



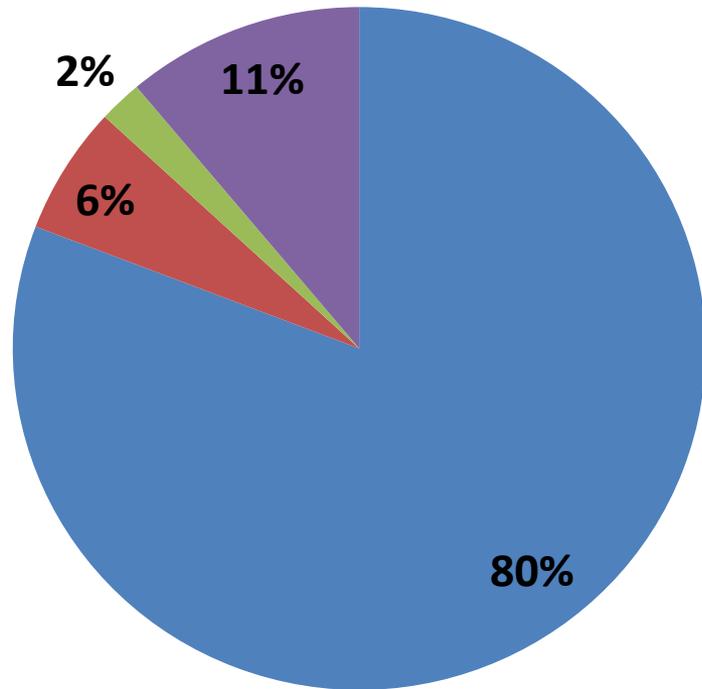
Texas



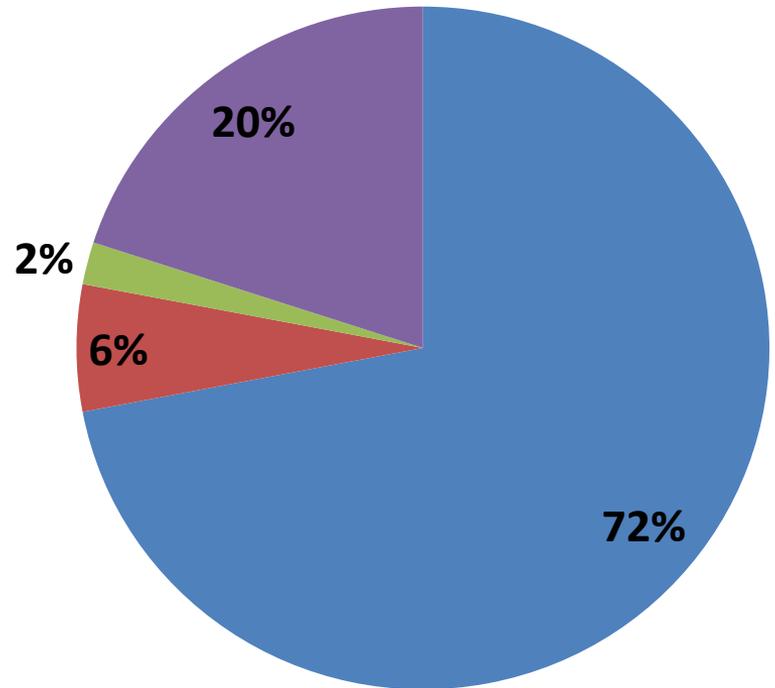
■ Male ■ Female

Percent of New HIV Diagnoses by Risk Factor, Bexar County & Texas, 2016

Bexar County



Texas



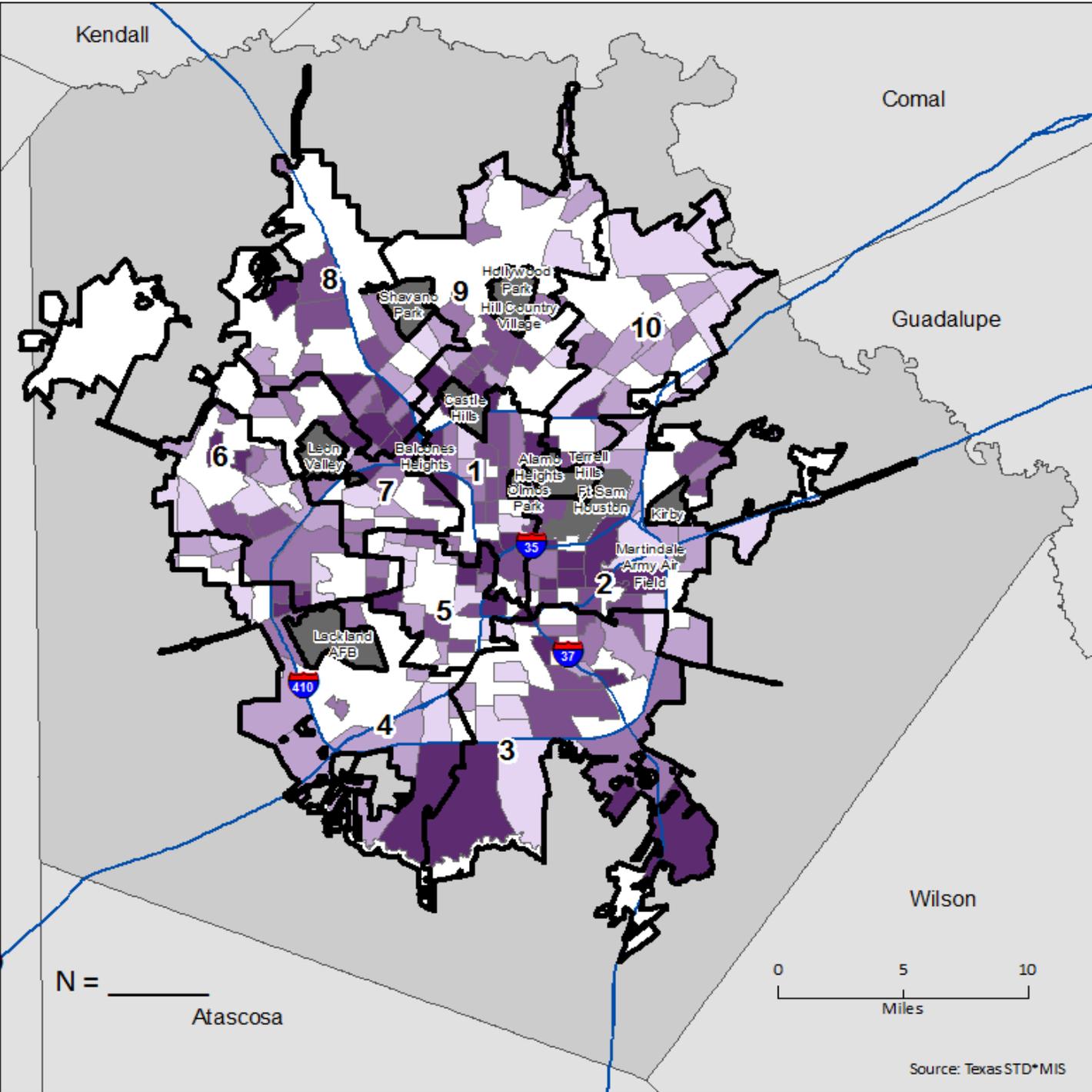
■ MSM ■ IDU ■ MSM/IDU ■ Heterosexual

New HIV Dx, Bexar County, 2016

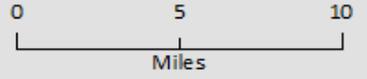
**Census Tract
Rate by 100,000
(Quantiles)**

- 10.10 - 23.00
- 23.01 - 37.60
- 37.61 - 53.00
- 53.01 - 79.10
- 79.11 - 546.40
- Census Tracts with no cases

- Bexar County
- Council Districts
- Military Bases and Unincorporated Cities
- Outlying Counties
- Major Highways



N = _____
Atascosa



Source: Texas STD*MIS

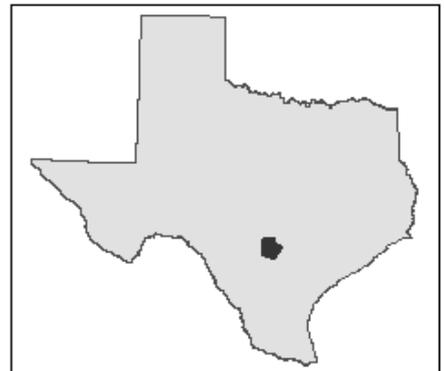
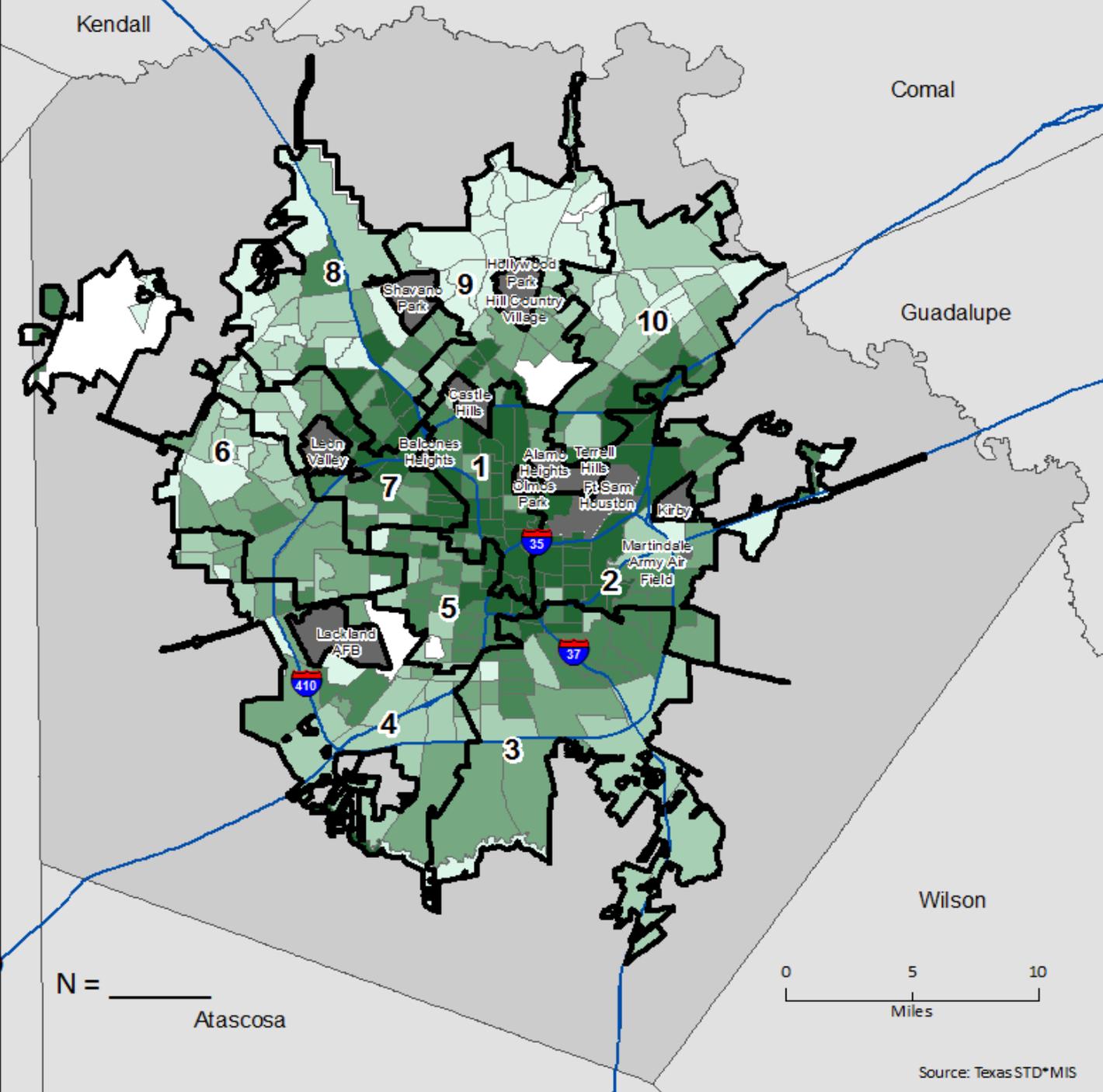
Persons Living with HIV , Bexar County, 2016

- ~ 6,000 in Bexar County
- Majority are 45+ years of age (52.4%)
- 85% males
- Race/ethnicity
 - 63% Hispanic
 - 19% White, non-Hispanic
 - 16% Black, non-Hispanic

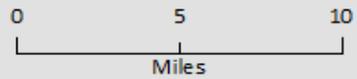
People living with HIV, Bexar County, 2016

Census Tract Rate by 100,000 (Quantiles)

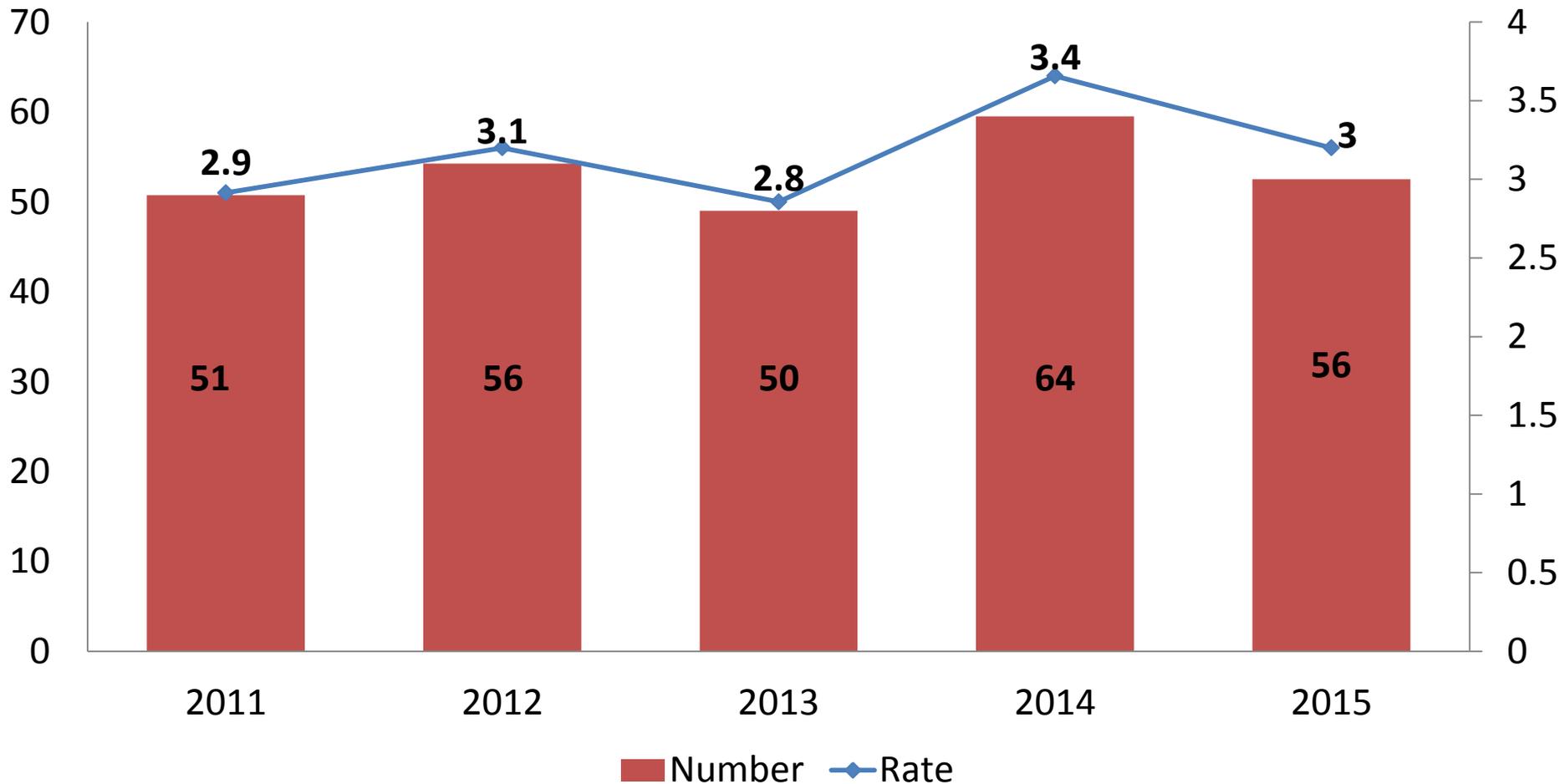
- 25.00 - 150.00
- 150.01 - 223.20
- 223.21 - 318.10
- 318.11 - 476.80
- 476.81 - 4329.40
- Census Tracts with no cases
- Bexar County
- Council Districts
- Military Bases and Unincorporated Cities
- Outlying Counties
- Major Highways



N = _____
Atascosa

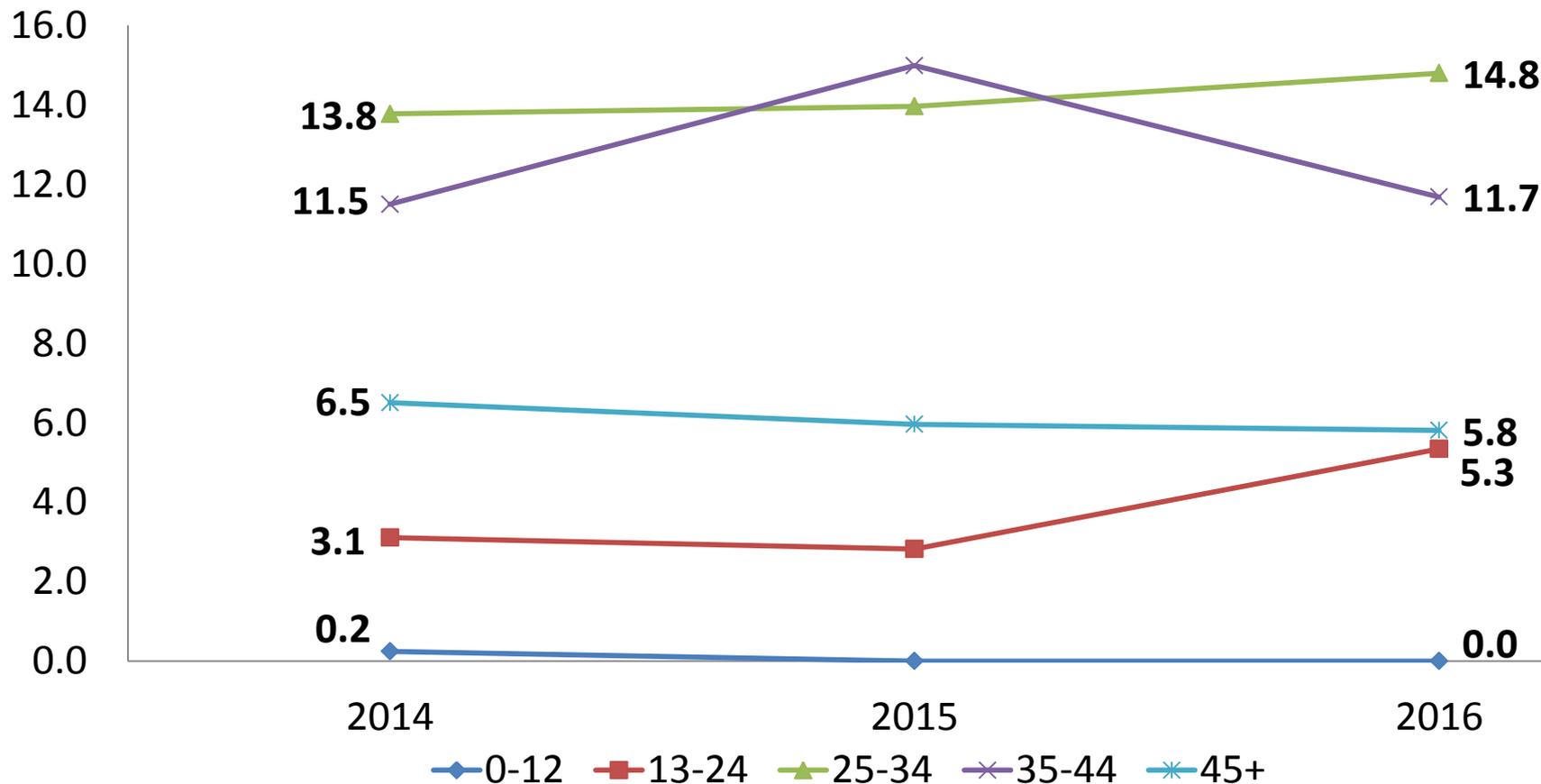


HIV Mortality Rates, Bexar County, 2011-2015

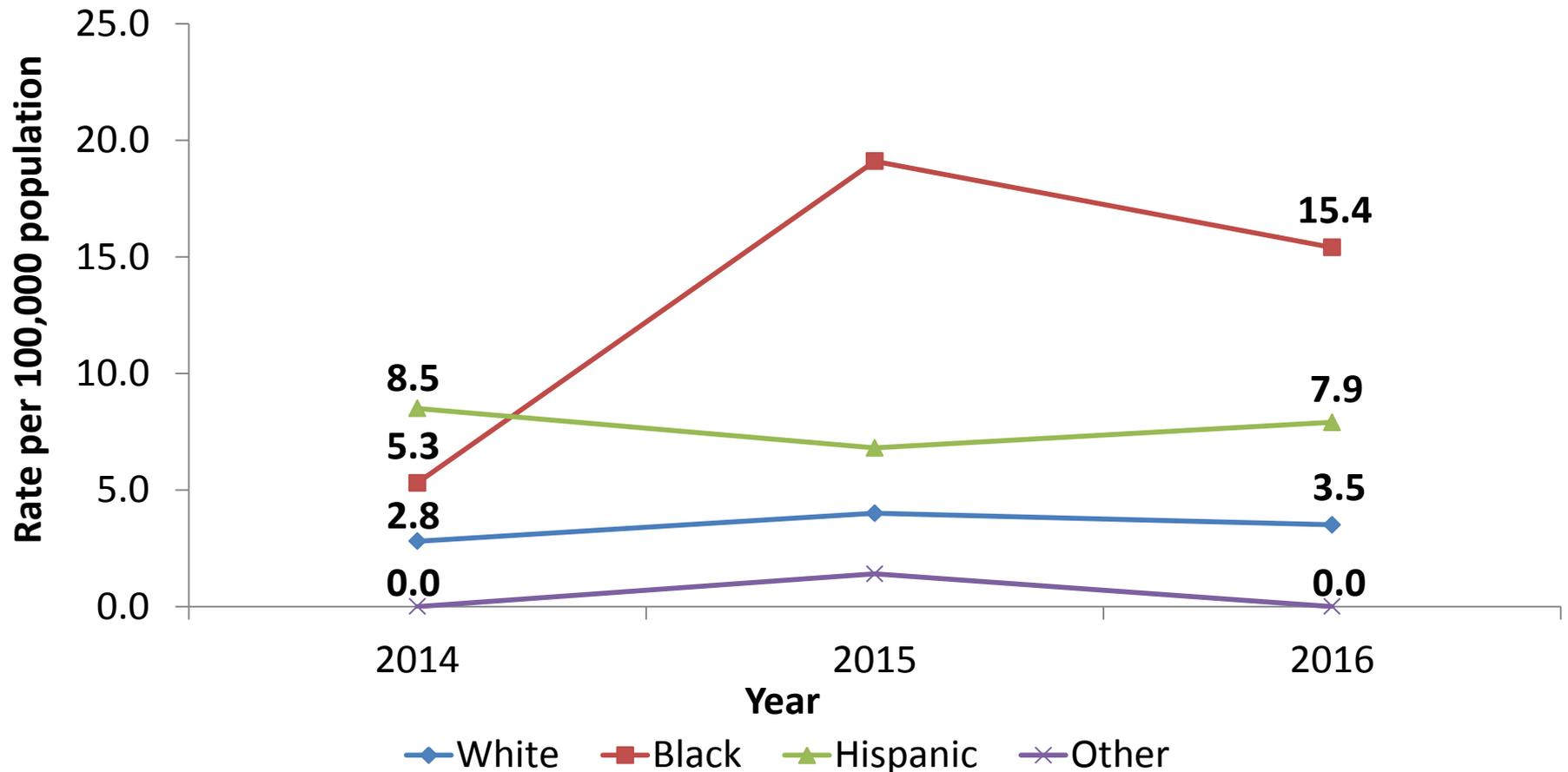


Source: CDC Wonder

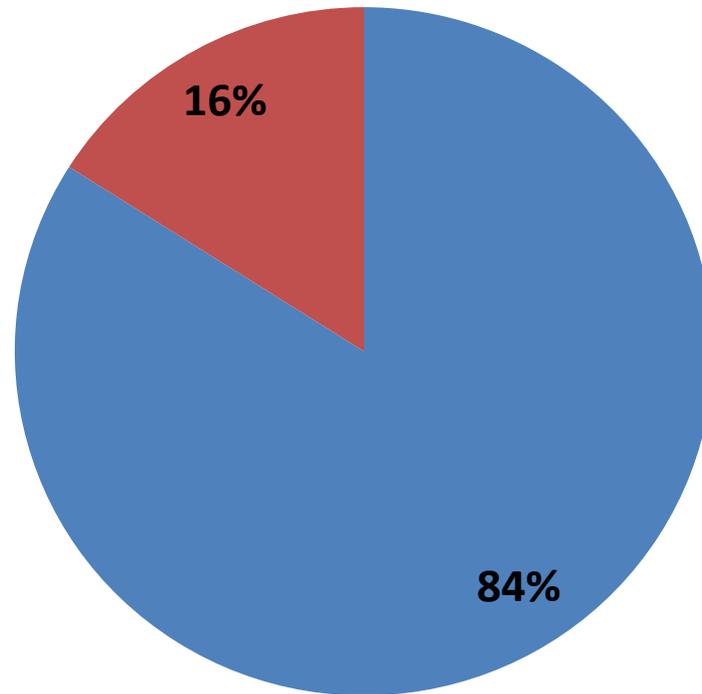
New AIDS Diagnoses by Age Group San Antonio Transitional Grant Area, 2014-2016



New AIDS Diagnoses by Race/Ethnicity San Antonio Transitional Grant Area, 2014-2016



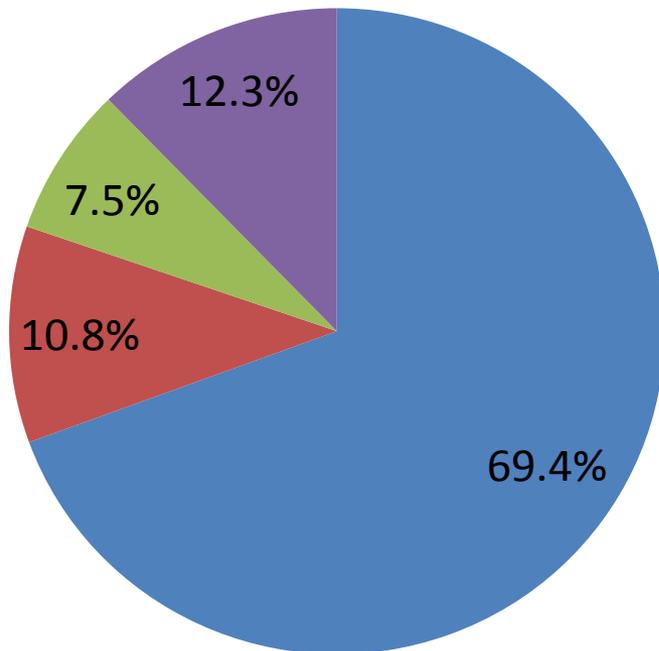
Percent of New AIDS Diagnosis by Gender, San Antonio TGA, 2016



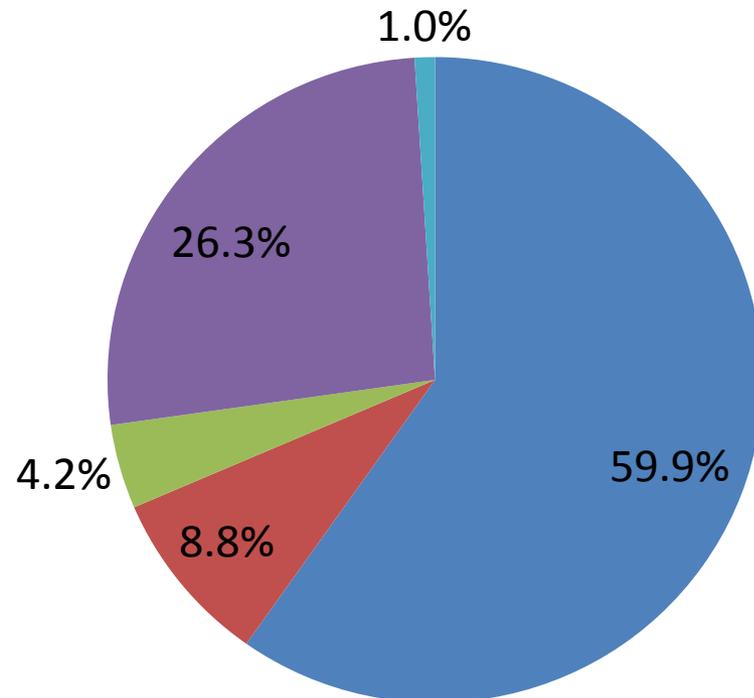
■ Male ■ Female

Percent of New AIDS Diagnoses by Risk Factor, San Antonio TGA & Texas, 2016

San Antonio TGA



Texas



■ MSM ■ IDU ■ MSM/IDU ■ Heterosexual ■ Pediatric

HIV/AIDS Burden by Five Most Populous Texas Counties, 2016

| County | HIV Diagnoses | AIDS | People Living with HIV |
|---------|---------------|------|------------------------|
| Bexar | 18.7 | 7.6 | 310.4 |
| Dallas | 31.7 | 16.2 | 673.1 |
| Harris | 26.3 | 13.1 | 538.1 |
| Tarrant | 15.0 | 6.1 | 266.3 |
| Travis | 20.2 | 6.7 | 393.2 |



CITY OF SAN ANTONIO
METROPOLITAN HEALTH DISTRICT

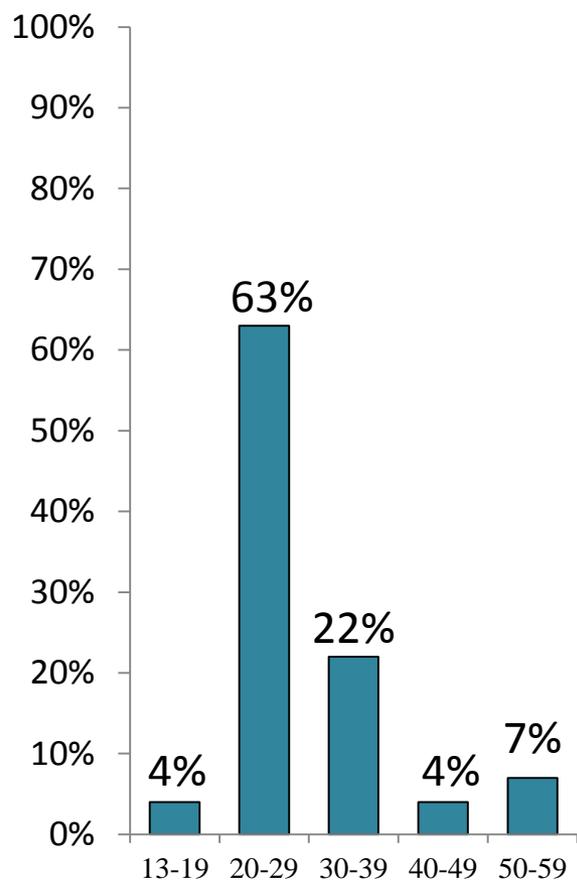
HIV Clusters in Bexar County

Cluster Analyses Findings - Texas

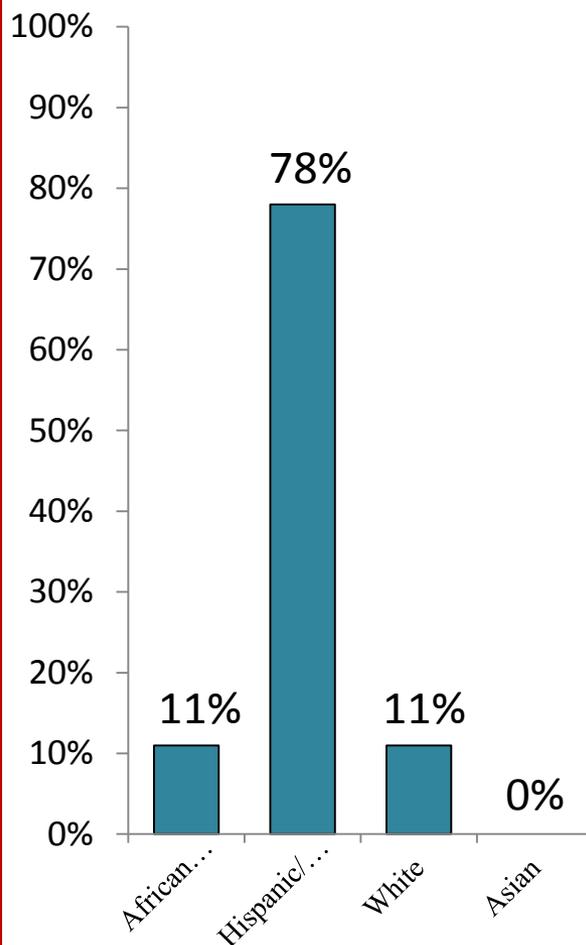
- 16 Clusters in Texas
 - Molecular Clusters range from 5-34 cases in Texas
 - Several Clusters have cases linked in other states
- Five clusters in San Antonio*
 - Cluster 51 (27 persons)
 - Cluster 62 (17 persons)
 - Cluster 151 (16 persons)
 - Cluster 911 (11 persons)
 - Cluster 923 (19 persons)

Cluster 51- San Antonio

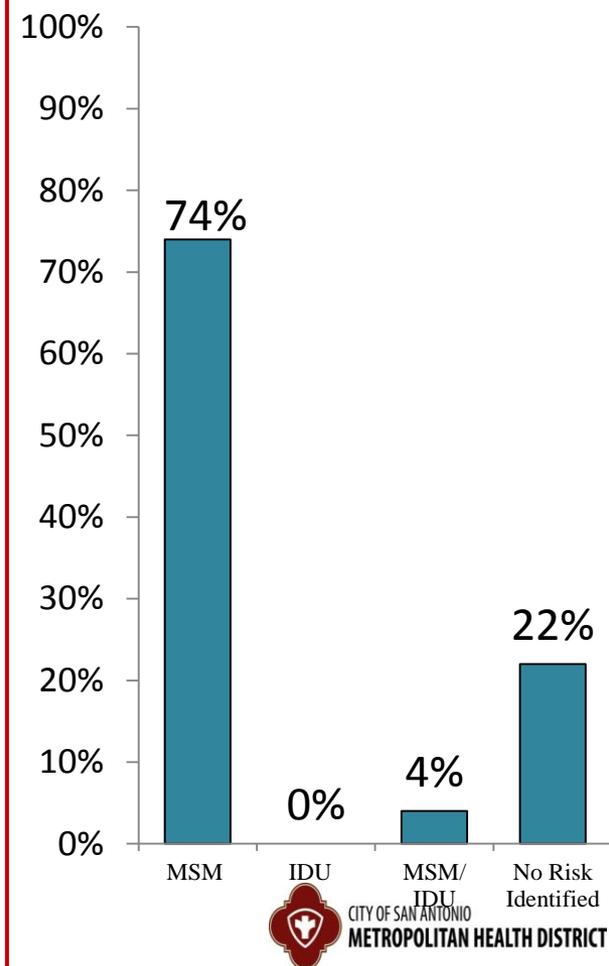
Age in years



Race/Ethnicity

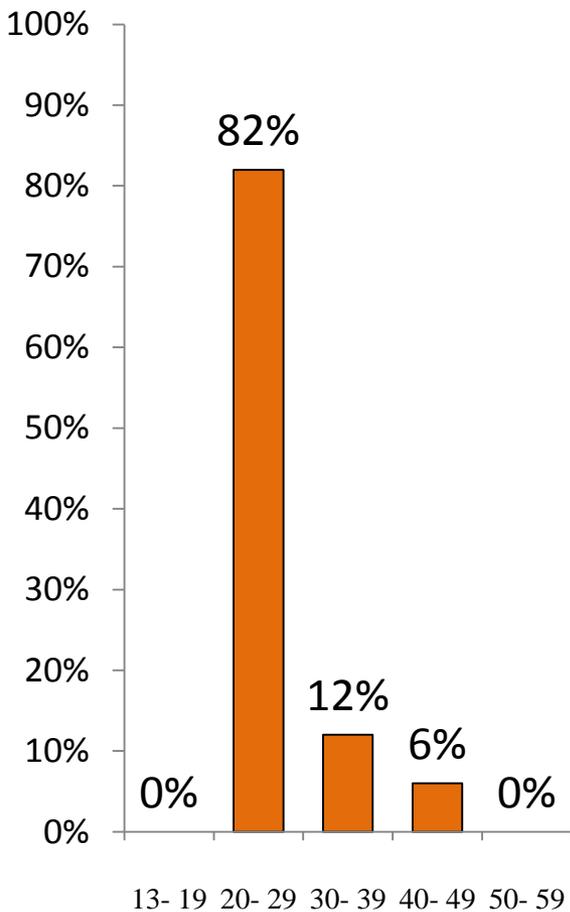


Transmission Risk

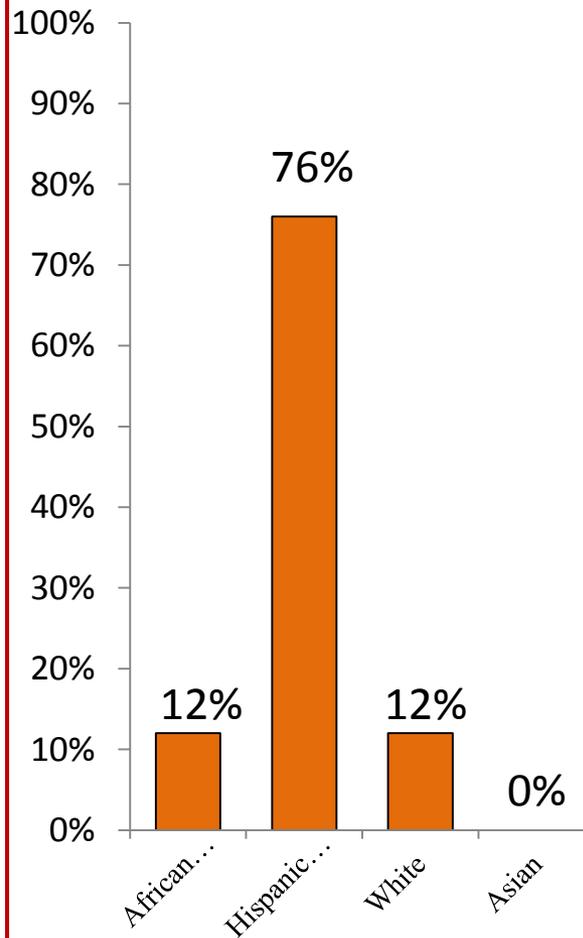


Cluster 62 - San Antonio

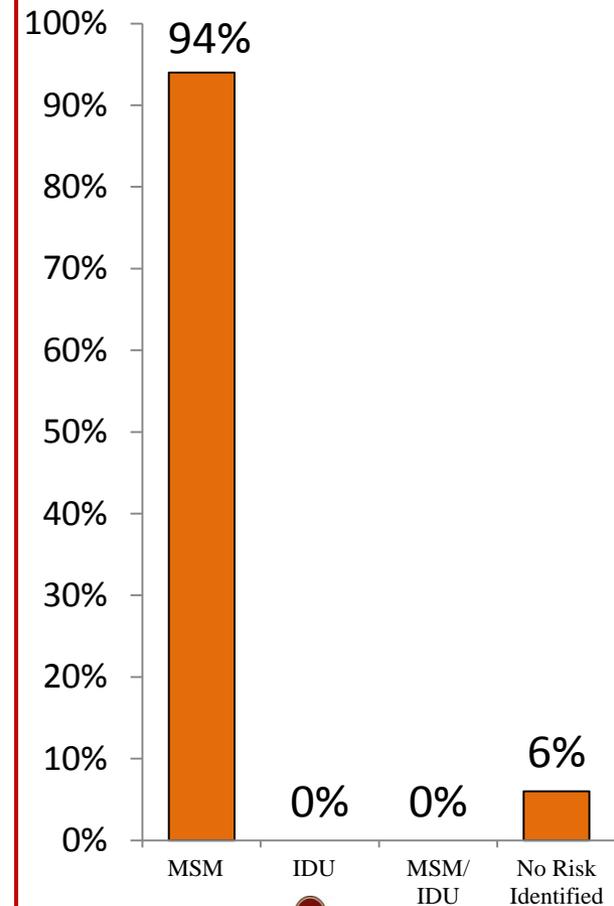
Age in years



Race/Ethnicity

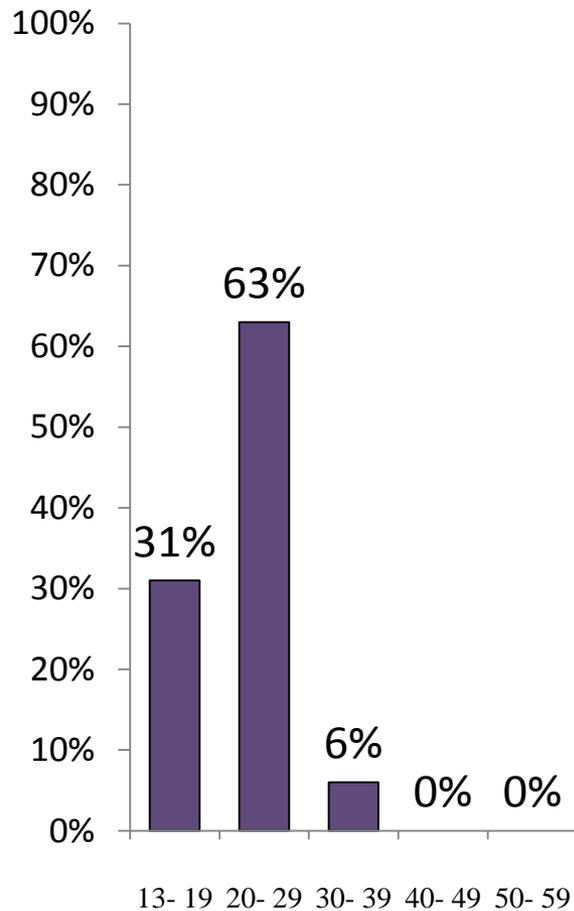


Transmission Risk

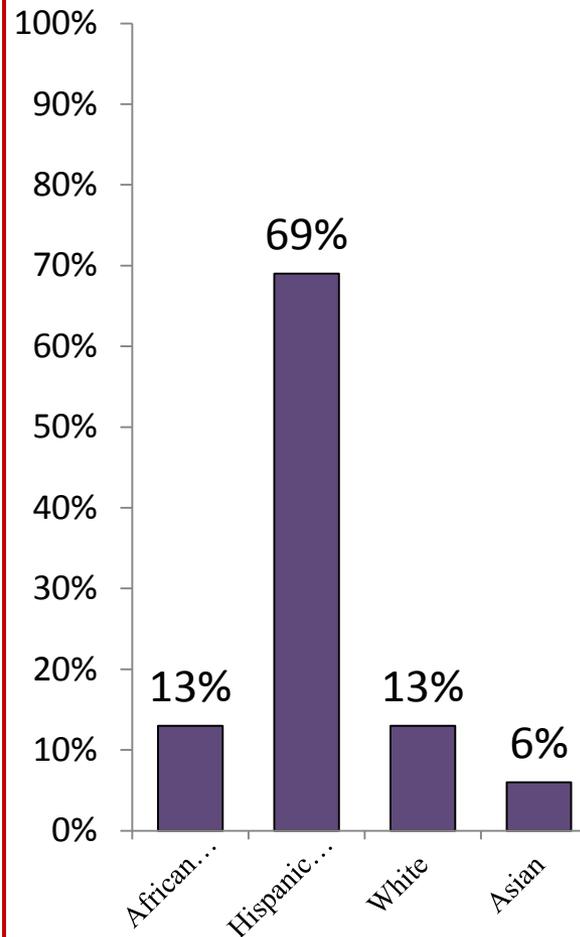


Cluster 151- San Antonio

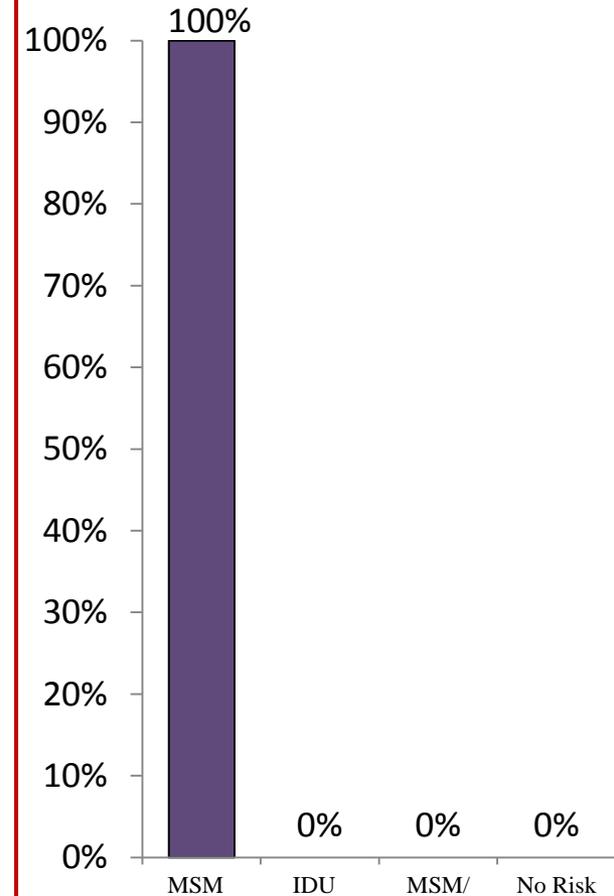
Age in years



Race/Ethnicity

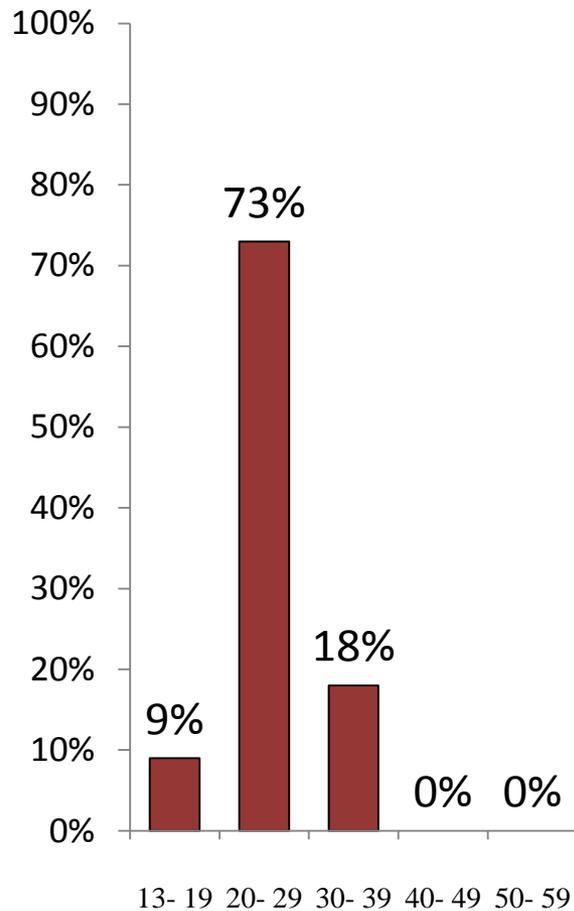


Transmission Risk

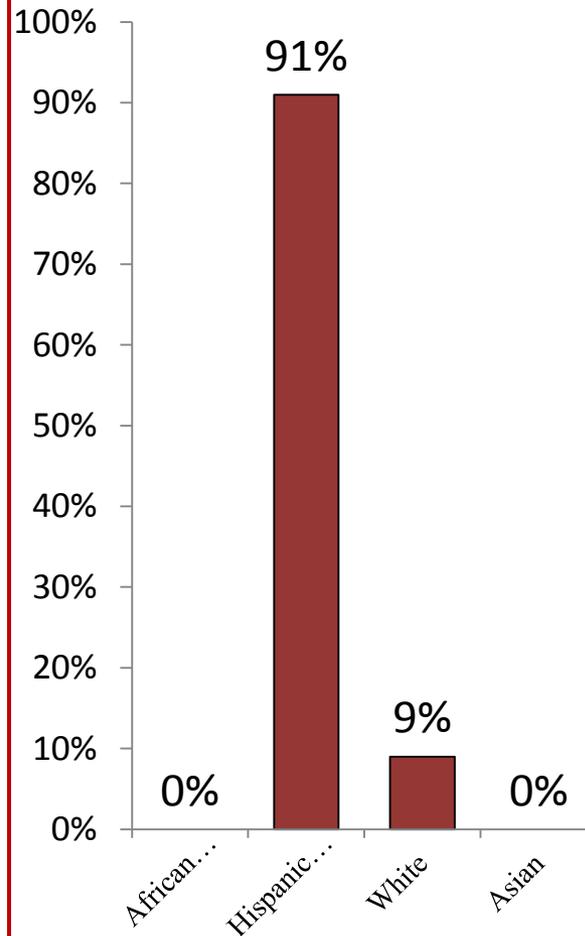


Cluster 911 - San Antonio

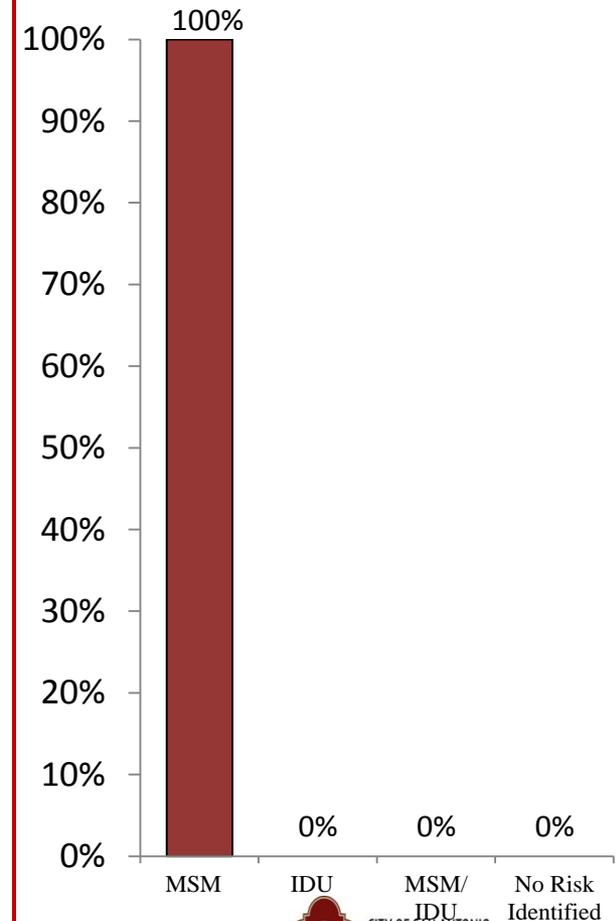
Age in years



Race/Ethnicity

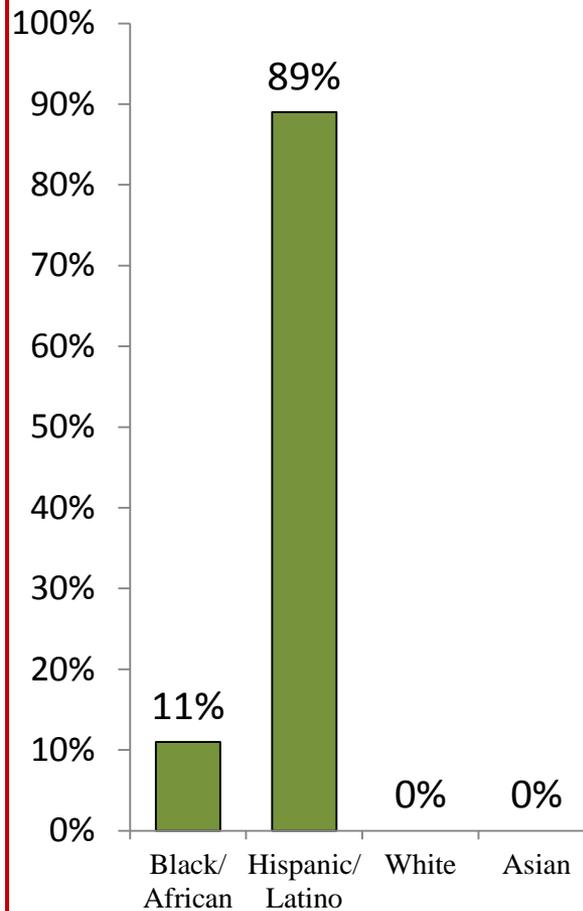
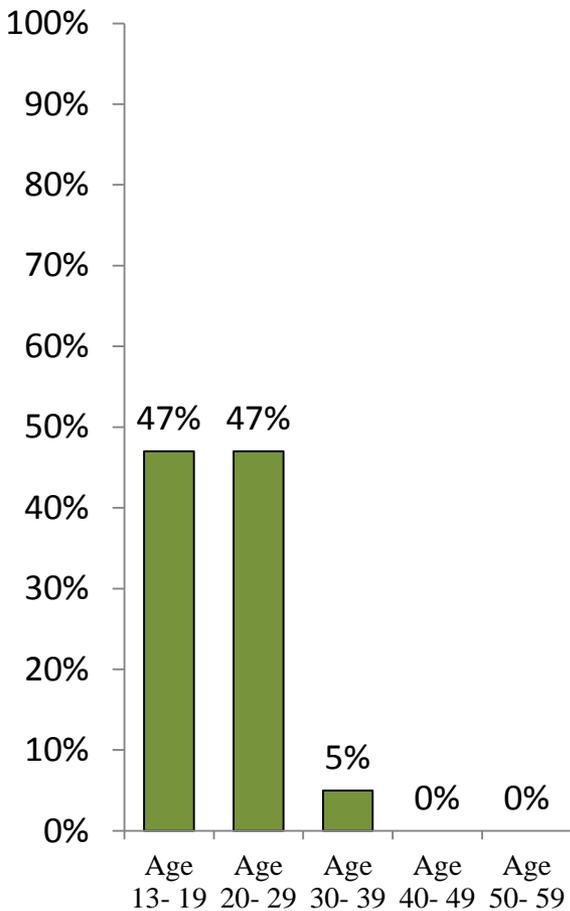


Transmission Risk

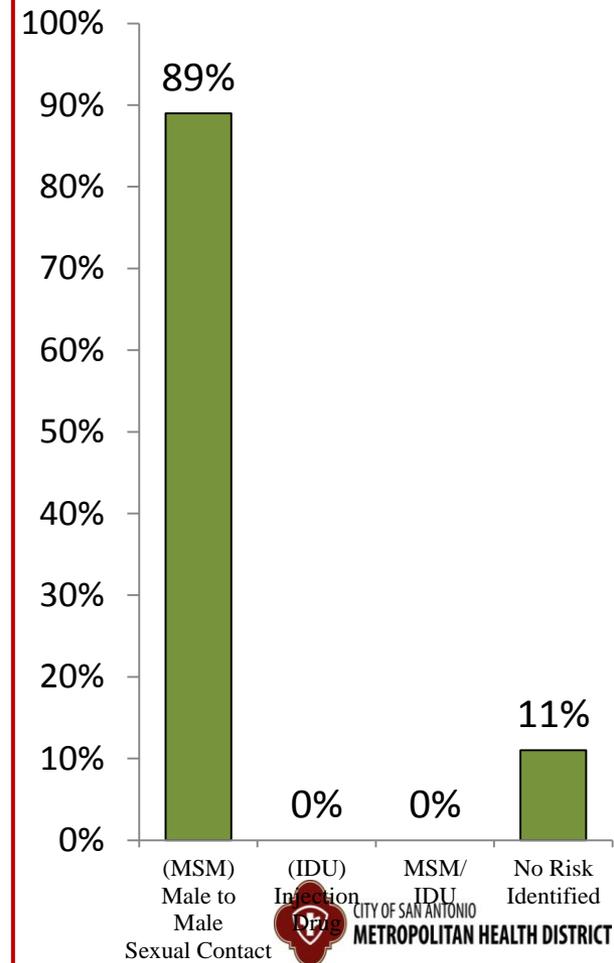


Cluster 923 - San Antonio

Age in years



Transmission Risk



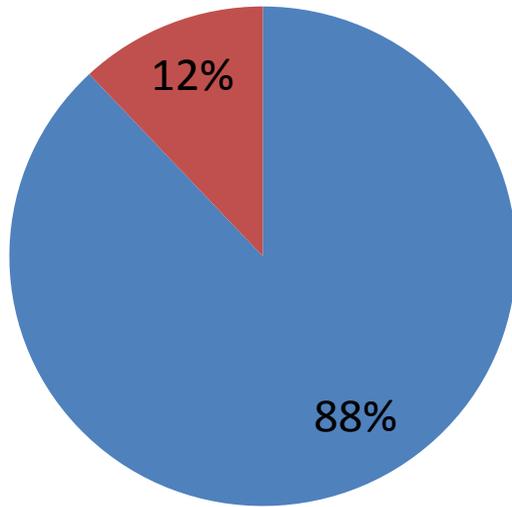
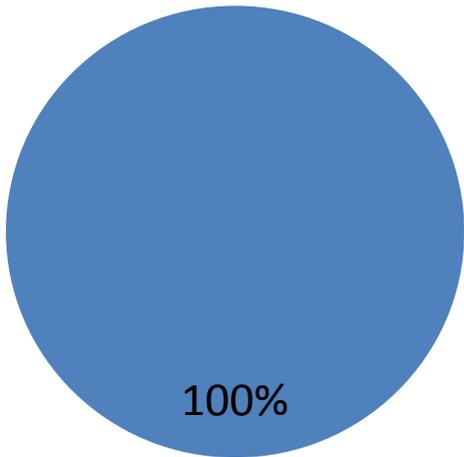
Cluster Characteristics - San Antonio

- 100% Males
- Highest proportion of HIV new diagnosis in 20-29 year olds
 - 65%
- Highest proportion of HIV new diagnosis among Hispanics
 - 80%
- Highest proportion of HIV new diagnosis among MSM
 - 89%

Comparison of San Antonio Clusters to Bexar County Newly Diagnosed HIV - Sex at Birth

San Antonio Clusters

Bexar County



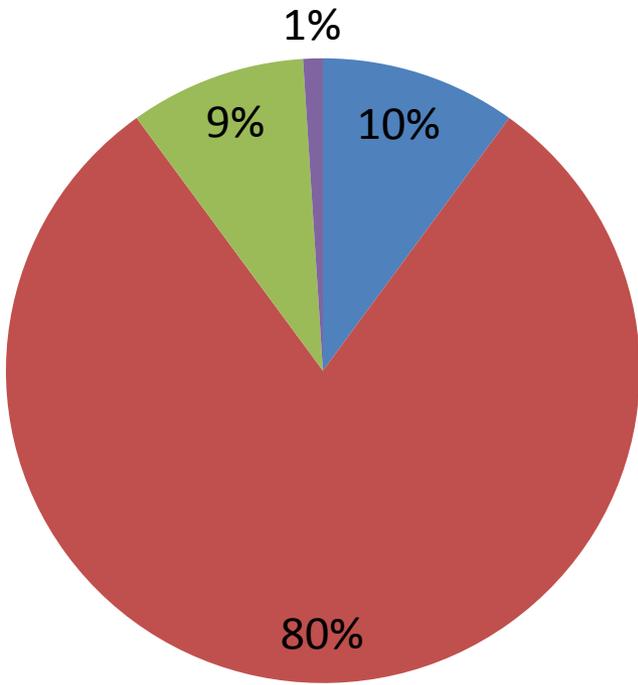
■ Male ■ Female

■ Male ■ Female

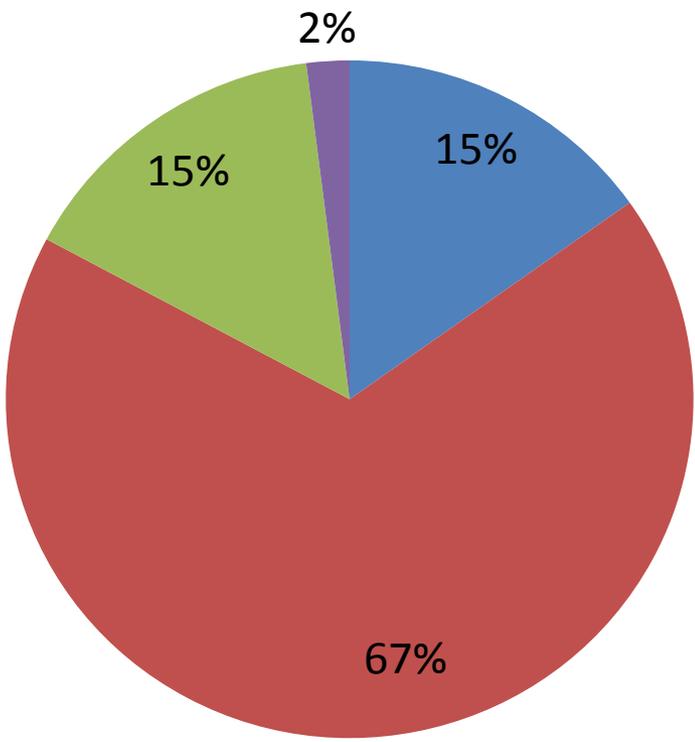


Comparison of San Antonio Clusters to Bexar County Newly Diagnosed HIV - Race/Ethnicity

San Antonio Clusters



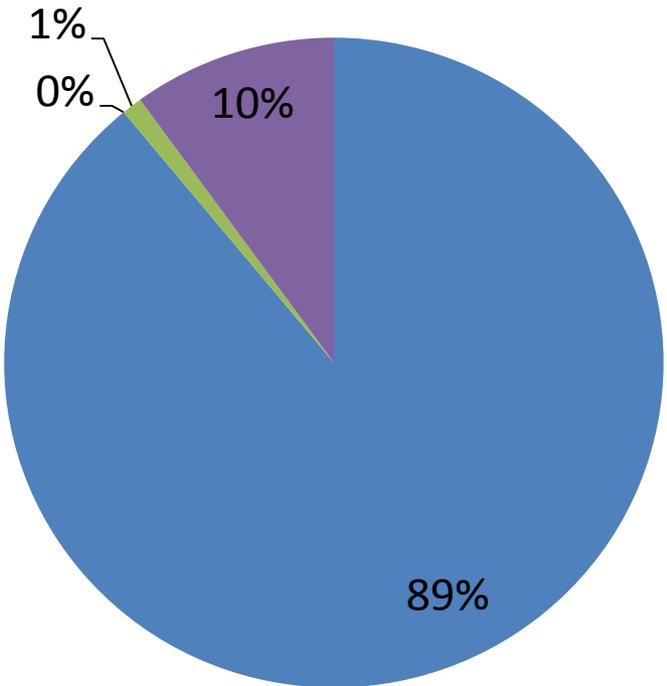
Bexar County



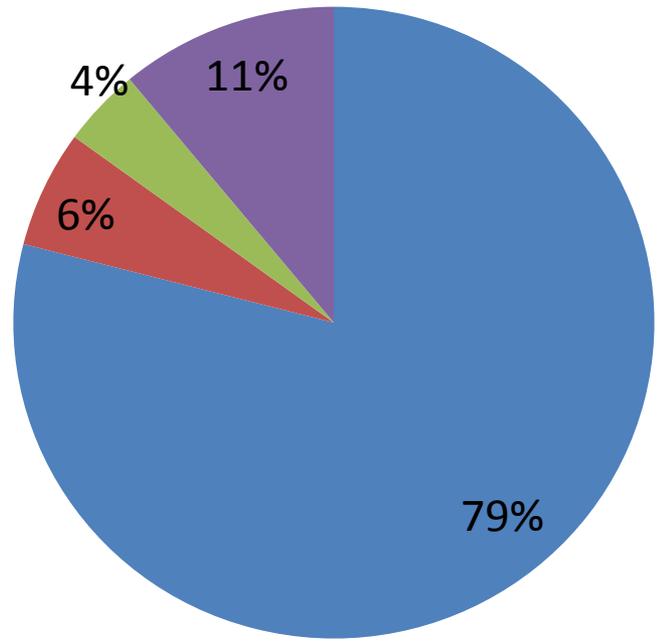
■ Black\African American ■ Hispanic\Latino
■ White ■ Other

Comparison of San Antonio Clusters to Bexar County Newly Diagnosed HIV - Transmission Risk

San Antonio Clusters



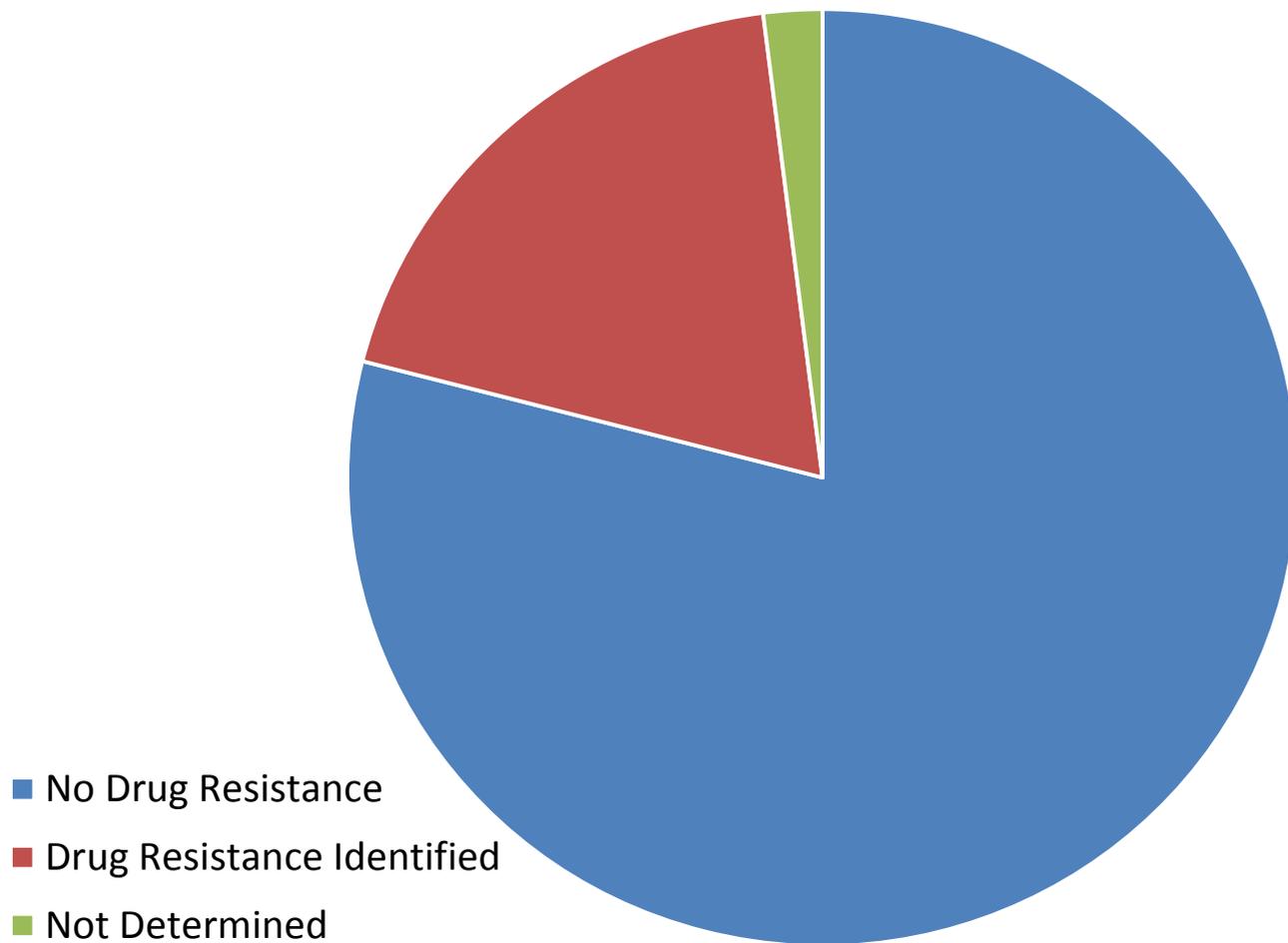
Bexar County



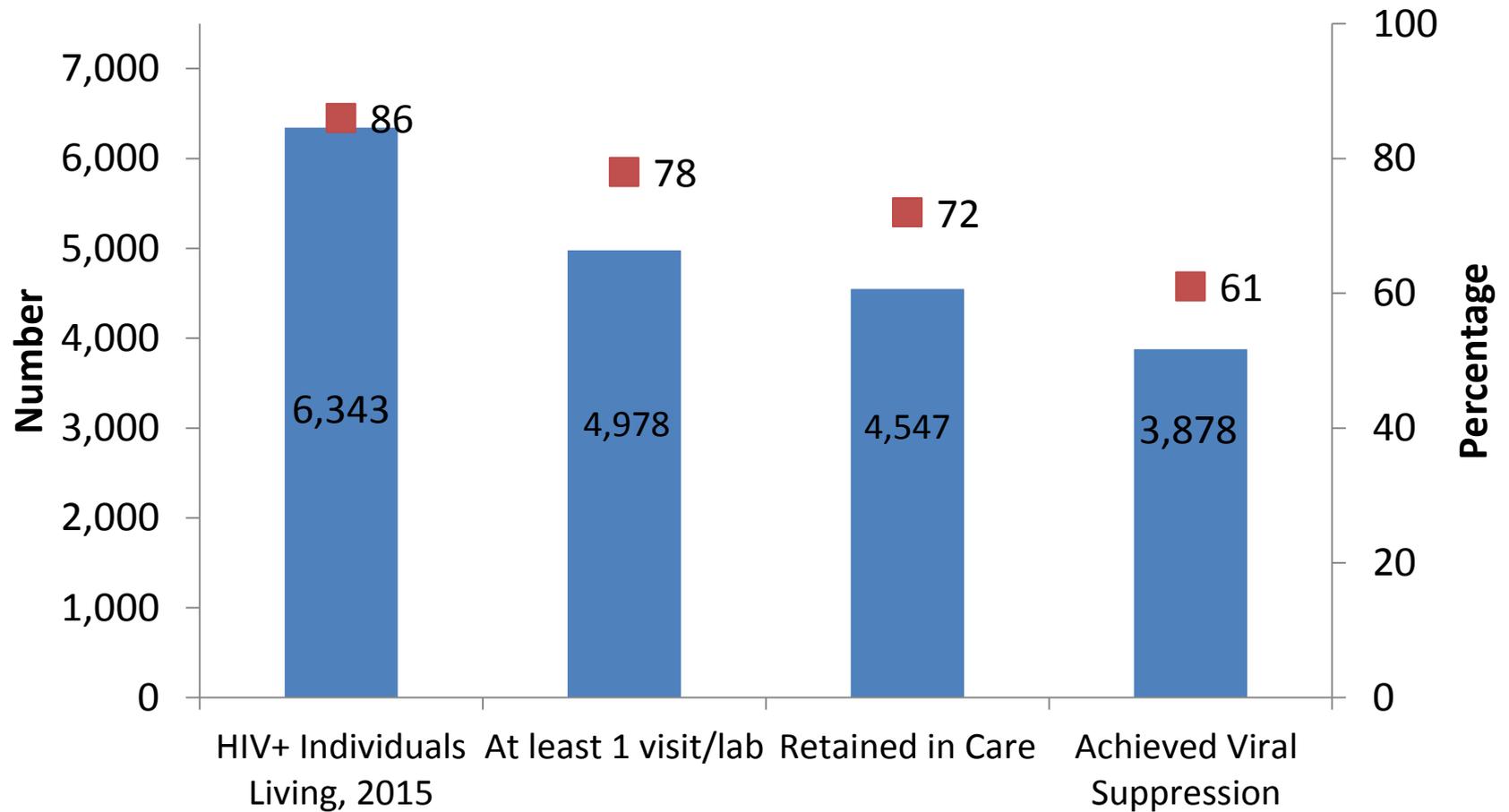
■ MSM ■ IDU ■ MSM\IDU ■ No Risk Identified (NRI)

■ MSM ■ IDU ■ MSM/IDU ■ Heterosexual

Drug Resistance in Molecular Cluster Cases in Texas



San Antonio TGA HIV Treatment Cascade, 2016



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<https://www.sanantonio.gov/Health/News/HealthDataReports>